

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091225\
 Data File : VV039052.D
 Acq On : 12 Sep 2025 10:36
 Operator : SY/MD
 Sample : VV0912MBL02
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK270

Quant Time: Sep 13 00:27:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM091125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 12 01:49:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	786953	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	803747	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	316769	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	344077	47.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.200%
7) Chloroethane-d5	1.542	69	291046	50.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.069	65	154150	49.438	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.880%
21) 2-Butanone-d5	3.783	46	358203	126.266	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.270%
24) Chloroform-d	4.249	84	611655	51.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	4.937	65	370695	52.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.600%
32) Benzene-d6	4.957	84	1168263	50.138	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.280%
36) 1,2-Dichloropropane-d6	5.982	67	379831	49.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.640%
41) Toluene-d8	7.236	98	981387	45.115	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.240%
43) trans-1,3-Dichloroprop...	7.545	79	174151	48.334	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.660%
47) 2-Hexanone-d5	8.011	63	263152	121.253	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.250%
56) 1,1,2,2-Tetrachloroeth...	10.140	84	540796	49.813	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.620%
66) 1,2-Dichlorobenzene-d4	11.548	152	348747	58.619	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	206	0.034	ug/L	99
3) Chloromethane	1.372	50	268	0.040	ug/L	87
5) Vinyl chloride	1.446	62	178	0.023	ug/L	83
6) Bromomethane	1.503	94	1899	0.442	ug/L	91
8) Chloroethane	1.484	64	144	0.029	ug/L	88
9) Trichlorofluoromethane	1.806	101	75	0.007	ug/L	95
12) 1,1-Dichloroethene	2.034	96	78	0.013	ug/L	83
13) Acetone	2.127	43	2033	0.389	ug/L	85
14) Carbon disulfide	2.249	76	4618	0.233	ug/L #	79
15) Methyl Acetate	2.384	43	225	0.033	ug/L #	51
16) Methylene chloride	2.458	84	2120	0.318	ug/L #	78
17) trans-1,2-Dichloroethene	2.706	96	445	0.074	ug/L	82
18) Methyl tert-butyl Ether	2.706	73	1005	0.058	ug/L #	80
19) 1,1-Dichloroethane	3.127	63	1792	0.160	ug/L #	78
20) cis-1,2-Dichloroethene	3.822	96	241	0.037	ug/L	91
22) 2-Butanone	3.925	43	109	0.025	ug/L	76
23) Bromochloromethane	4.153	128	20	0.006	ug/L #	28
25) Chloroform	4.278	83	6382	0.533	ug/L	78
27) 1,2-Dichloroethane	4.960	62	4143	0.476	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

29) Cyclohexane	4.584	56	455	0.046	ug/L #	56
30) 1,1,1-Trichloroethane	4.526	97	802	0.074	ug/L	93
31) Carbon tetrachloride	4.738	117	928	0.096	ug/L #	11
33) Benzene	5.008	78	431	0.017	ug/L	100
34) Trichloroethene	5.847	95	335	0.049	ug/L	94
35) Methylcyclohexane	6.111	83	62	0.006	ug/L #	68
37) 1,2-Dichloropropane	6.088	63	363	0.054	ug/L #	86
38) Bromodichloromethane	6.416	83	72	0.008	ug/L #	26
39) cis-1,3-Dichloropropene	6.950	75	311	0.029	ug/L	88
40) 4-Methyl-2-pentanone	7.156	43	138	0.016	ug/L #	42
42) Toluene	7.320	91	1689	0.061	ug/L	88
44) trans-1,3-Dichloropropene	7.545	75	6943	0.674	ug/L	84
45) 1,1,2-Trichloroethane	7.773	97	215	0.030	ug/L #	73
46) Tetrachloroethene	7.908	164	641	0.122	ug/L	87
49) Dibromochloromethane	8.169	129	832	0.111	ug/L #	65
50) 1,2-Dibromoethane	8.291	107	1200	0.162	ug/L #	96
51) Chlorobenzene	8.809	112	2991	0.167	ug/L #	76
52) Ethylbenzene	8.963	91	3255	0.112	ug/L	99
53) m,p-Xylene	9.088	106	605	0.054	ug/L	75
54) o-Xylene	9.490	106	567	0.055	ug/L	89
55) Styrene	9.487	104	73	0.004	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.162	83	2390	0.209	ug/L #	40
59) Bromoform	9.661	173	253	0.059	ug/L #	57
60) Isopropylbenzene	9.870	105	2747	0.126	ug/L #	86
61) 1,2,3-Trichloropropane	10.191	75	348	0.052	ug/L #	31
62) 1,3,5-Trimethylbenzene	10.477	105	2002	0.117	ug/L	93
63) 1,2,4-Trimethylbenzene	10.918	105	193	0.011	ug/L	91
64) 1,3-Dichlorobenzene	11.124	146	1810	0.174	ug/L #	78
65) 1,4-Dichlorobenzene	11.201	146	2634	0.237	ug/L	88
67) 1,2-Dichlorobenzene	11.564	146	2327	0.224	ug/L #	52
69) 1,3,5-Trichlorobenzene	12.570	180	44	0.007	ug/L #	1
70) 1,2,4-trichlorobenzene	13.204	180	445	0.076	ug/L #	60
71) Naphthalene	13.461	128	1062	0.055	ug/L #	80
72) 1,2,3-Trichlorobenzene	13.673	180	297	0.049	ug/L #	12

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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